

AADITYA RAJ

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Passionate machine learning engineer with 1 year of experience in predictive modeling , data analytics and natural language processing. Have ability to work in versatile environments, solve problems and quick learner. I want to discover more about the amazing cutting-edge technologies and to grow as a person and as a professional, every day.

Experience

ML ENGINEER

Sep 2020 - Present

PRAEMINEO, Bangalore, IN

- Responsible for reviewing & analyzing data and finding insights to develop and implement machine learning algorithms in the system to increase reliability and cut down on manual time and involvement.
- News Classification & Sentiments -Categorizing the news articles into various classes and finding their sentiments helping journals to publish their news in a well-organized manner according to their category and sentiments.
Reduces human efforts and save time by boosting speed upto 5x.
- Information extraction system - Client used to receive 100s of Libraries/thousands of book references in XML format, he had a team of 500 We built an automation pipeline which helped increase productivity by 3x.
We wrote a complete pipeline from receiving XML files to returning XML files with individual fields details as per client requirements. Our system received data in XML format. After extracting data from XML we wrote a classifier which used to classify data into 2 parts, then we had two different NER(Named Entity Recognition) pipelines to extract information from the book reference. Eg. Author name, pub title, page no, volume, publisher, & year.
- Resume parser - Client had 1 million-plus resume & he wanted to MySQL, extract important information. Eg. Name, mobile no, current location, years of exp., skills, companies worked at, etc.
We built a resume parser that had two major modules, one was data Development extraction from doc, PDFs. & another was entity recognition.
We created a custom dataset of 10,000 resumes & trained our model to get the desired results.
With this system, we were able to save 100s of thousands of rupees that the client used to spend on regular intervals to extract the information from the resumes.

ML INTERN

Jun 2020 - Sep 2020

Emphasis corp, Bhopal (India)

* Chatbot for IT help - The client was one of India's top newspaper providers. Having hundreds of employees without technical knowledge of computers. Eg. Content writers, publishers, and journalists.

We created a Chatbot for IT help support with a team of 4. I was responsible for the core chatbot work using Google DialogFlow. It helped employees with basic computer-related troubleshooting & brought down the IT help support team from 10 people to 2.

Skills & Specialisation

Machine Learning, Deep Learning, Data Science, Data Analytics, Python, NLP, Web Application development, API, Flask, C/C, Data Structure

Education

Sagar Institute Of Science & Technology

Bachelors Degree, Computer Science

Bhopal (India)

CGPA: 8.6/10.0

Licenses & Certifications

Machine Learning with Python

IBM

Present

<https://www.coursera.org/account/accomplishments/verify/58WE27BYTNNZ>

Python

HackerRank

Present

<https://www.hackerrank.com/certificates/32ef7cf7e1f7>

Websites

<https://medium.com/@aaditya-raj>